

Title (en)  
AQUEOUS POLYURETHANE COMPOSITION AND ITS USE

Publication  
**EP 0424697 A3 19910724 (EN)**

Application  
**EP 90118893 A 19901002**

Priority  
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Abstract (en)  
[origin: EP0424697A2] An aqueous composition comprising a carboxylate group-containing blocked polyurethane and water as essential components, wherein said polyurethane is a reaction product of a carboxylic acid (or carboxylate) group-containing polyoxyalkylene polyol containing at least 50% by weight of oxyethylene groups, with an average number of hydroxyl groups being more than 2 and having, on an average, from 0.005 to 0.8 -COOX group (X: a hydrogen atom or a cation) per molecule at the backbone chain terminals, a polyisocyanate having isocyanate groups in an amount stoichiometrically in excess of the hydroxyl groups of said polyol, and a blocking agent in an amount corresponding to the stoichiometrically excess amount of said polyisocyanate, and when X is a hydrogen atom, X is converted to a cation at an optional stage.

IPC 1-7  
**C08G 18/08**; **C08G 18/34**; **C08G 18/48**; **C08G 18/80**

IPC 8 full level  
**C08G 18/08** (2006.01); **C08G 18/10** (2006.01); **C08G 18/48** (2006.01); **C08G 18/80** (2006.01)

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**C08G 18/0823** (2013.01 - EP US); **C08G 18/10** (2013.01 - EP US); **C08G 18/4887** (2013.01 - EP US); **C08G 18/8061** (2013.01 - EP US); **Y10T 428/31551** (2015.04 - EP US); **Y10T 428/31565** (2015.04 - EP US)

Citation (search report)  
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• [Y] FR 2334699 A1 19770708 - BAYER AG [DE]  
• [A] FR 2317318 A1 19770204 - BAYER AG [DE]  
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